

**APCD/AQMD RULE EVALUATION FORM -- Page 1**  
(Electronic Format)**I. GENERAL INFORMATION**District: El Dorado County Air Quality Management DistrictRule No(s): 523-1 Date adopted/Amended/Rescinded: Revised June 25, 2019Rule Title(s): Federal Non-Attainment New Source ReviewDate Submitted to ARB: July 2, 2019If an Amended Rule, Date Last Amended (or Adopted): Adopted March 8, 2016Is the Rule Intended to be Sent to the U.S. EPA as a SIP Revision? ☒ Yes ☐ No (If No, do not complete remainder of form)District Contact: Adam Baughman Phone Number: 530-621-7571 E-mail Address: adam.baughman@edcgov.usNarrative Summary of New Rule or Rule Changes: ☐ New Rule ☒ Amended Rule

Western El Dorado County (approximately Pollock Pines westward to the County line) is in nonattainment of the 2006 federal 24-hr PM<sub>2.5</sub> (fine particulate matter  $\leq 2.5$  microns) National and State Ambient Air Quality Standards (NAAQS). It is also in nonattainment of the 2008 and 2015 ozone NAAQS. As such, the United States Environmental Protection Agency (EPA) requires the El Dorado County (EDC) Air Quality Management District (AQMD) to implement measures to control emissions of PM<sub>2.5</sub>, PM<sub>2.5</sub> precursors, and ozone precursors from major sources. One of the requirements is the adoption and implementation of a New Source Review (NSR) rule to regulate PM<sub>2.5</sub> as a nonattainment pollutant for any new major stationary source or major modification of a stationary source. Rule 523-1 applies to any new major stationary source which will emit or have the potential to emit 100 tons per year (tpy) of any regulated NSR pollutant or the PM<sub>2.5</sub> precursors NO<sub>x</sub>, SO<sub>x</sub> or VOC. Rule 523-1 will also regulate any major modification of an existing PM<sub>2.5</sub> major stationary source that directly emits 10 tpy PM<sub>2.5</sub> or 40 tpy of NO<sub>x</sub>, SO<sub>x</sub> or VOC. Currently, there are no permitted major sources in EDC that emit or have the potential to emit at these levels. The current SIP-approved NSR Rule 523 is the original NSR Rule adopted by the AQMD on April 26, 1994. Rule 523-1 was submitted to ARB & EPA in 2016, however, this 2019 version is being submitted in lieu of the 2016 to address some deficient areas of the rule as identified by EPA. Adopting Rule 523-1 would add PM<sub>2.5</sub> as a regulated NSR pollutant, and address the 2008 & 2015 ozone standard requirements. It will include requirements for Lowest Achievable Emissions Rate (LAER), offsets, and major source and major modification thresholds for that pollutant. Adoption of Rule 523-1 will also ensure that the AQMD has a current NSR program for ozone precursors (VOC and NO<sub>x</sub>) which satisfies all federal requirements for the 2006 federal PM<sub>2.5</sub> NAAQS, the 2008 and 2015 federal 8-hr ozone NAAQS.

Pollutant(s) Regulated by the Rule (Check): ☒ ROG ☒ (NO<sub>x</sub>) ☐ SO<sub>2</sub>  
☐ (CO) ☒ PM ☐ TAC (name): \_\_\_\_\_**II. EFFECT ON EMISSIONS**

Complete this section ONLY for rules that, when implemented, will result in quantifiable changes in emissions. Attach reference(s) for emission factor(s) and other information. Attach calculation sheet showing how the emission information provided below was determined.

Net Effect on Emissions: ☐ Increase ☐ Decrease ☒ N/A

Emission Reduction Commitment in SIP for this Source Category: \_\_\_\_\_

Inventory Year Used to Calculate Changes in Emissions: \_\_\_\_\_ Area Affected: \_\_\_\_\_

Future Year Control Profile Estimate (Provide information on as many years as possible):  
\_\_\_\_\_

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Baseline Inventory in the SIP for the Control Measure: \_\_\_\_\_

Emissions Reduction Commitment in the SIP for the Control Measure: \_\_\_\_\_

Revised Baseline Inventory (if any): \_\_\_\_\_

Revised Emission Reduction Estimate (if developed): \_\_\_\_\_

*Note that the district's input to the Rule Evaluation Form will not be used as input to the ARB's emission forecasting and planning.***III. SOURCES/ATTAINMENT STATUS**District is: ☐ Attainment ☒ Nonattainment ☐ SplitApproximate Total Number of Small (<100 TPY) Sources Affected by this Amendment: 0

Percent in Nonattainment Area: \_\_\_\_\_%

Number of Large ( $\geq$  100 TPY) Sources Controlled: 0 Percent in Nonattainment Area: \_\_\_\_\_%Name(s) and Location(s) (city and county) of Large ( $\geq$  100 TPY) Sources Controlled by Rule *(Attach additional sheets as necessary)*: \_\_\_\_\_**IV. EMISSION REDUCTION TECHNOLOGY**Does the Rule Include Emission Limits that are Continuous? ☒ Yes ☐ NoIf Yes, Those Limits are in Section(s) 3&9 of the Rule.Other Methods in the Rule for Achieving Emission Reductions are: 4**V. OTHER REQUIREMENTS**

The Rule Contains:

Emission Limits in Section(s): 3&9 Work Practice Standards in Section(s): \_\_\_\_\_Recordkeeping Requirements in Section(s): 9 Reporting Requirements in Section(s): 9

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**VI. IMPACT ON AIR QUALITY PLAN**

☒ No Impact      ☐ Impacts RFP      ☐ Impacts attainment

Discussion: Rule 523-1 only applies to major stationary sources of PM2.5, PM2.5 precursors, and ozone precursors. Currently, there are no stationary sources that meet the definition of "major" source in El Dorado County.